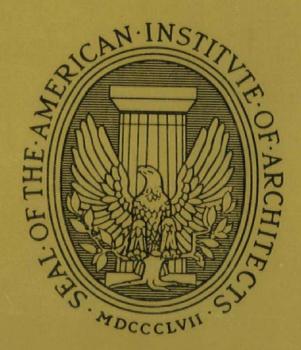
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april 1959



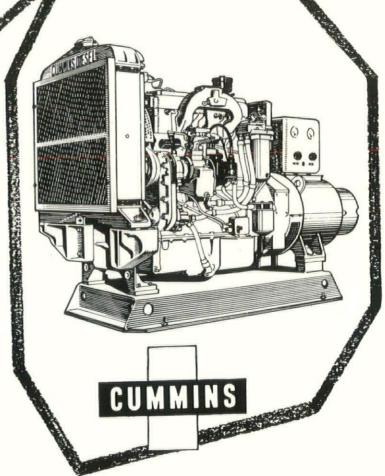
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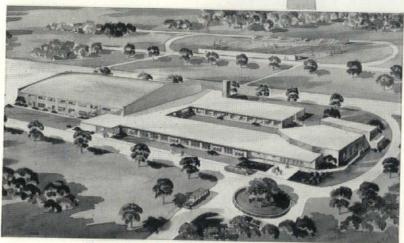
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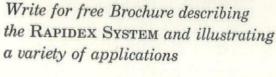
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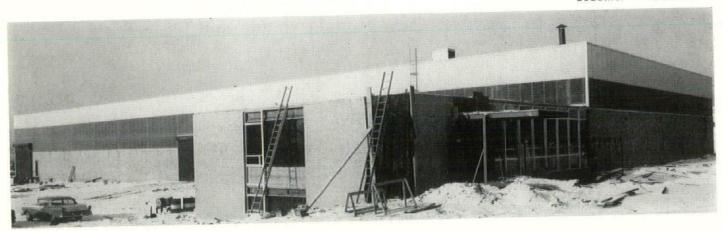
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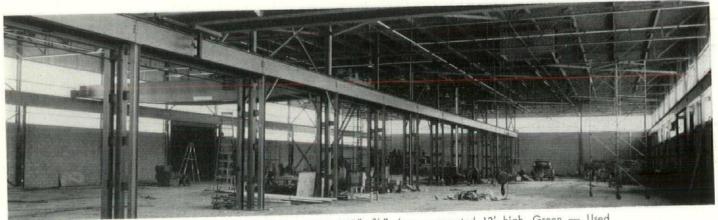


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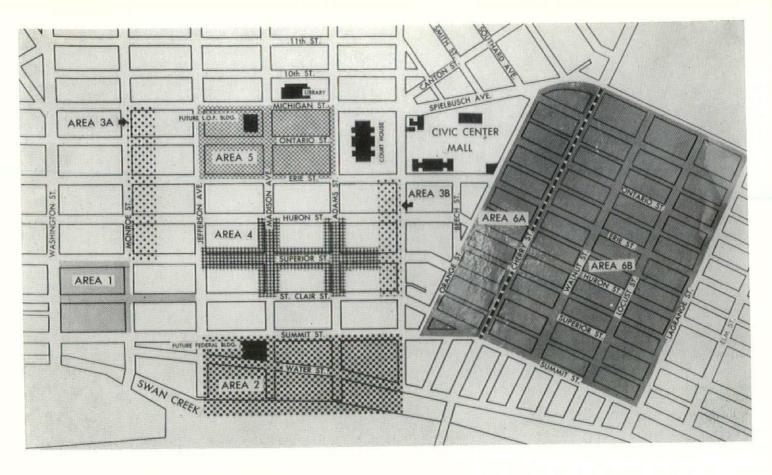
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TILES FOR A BRIGHT MOSAIC IN DOWNTOWN TOLEDO

By Winston CramToledo Blade Staff Writer

Eighteen months ago, 18 Toledo architects were asked to fabricate the tiles of a mosaic that could become a bright and satisfying pattern for the development of the downtown Toledo Area.

The architects put the unassembled tiles on the table last week. Just who will pick them up and continue the work remains to be seen.

What brought about this gift of time (the architects did the work without charge)? How was the work apportioned and what was the procedure?

The stimulus was supplied by Downtown Toledo Associates. In addition to other goals adopted on its formation in 1955, the DTA wanted to make some changes in the physical appearance of the downtown area. No drastic change such as tearing down and starting over was contemplated, but certainly envisioned was a shifting of the furniture in the living room.

What was more natural than to turn to the Toledo Chapter of the American Institute of Architects?

But first the problem had to be defined a bit more sharply. This was done by the staff of the Toledo-Lucas County Plan Commission. As a basic study, a land-use map was developed for the general downtown area. With this data at hand, six segments were chosen as a core to

receive the most immediate attention.

The architects, under the chairmanship of Carl C. Britsch, an AIA member, selected the projects to be worked on and set up committees of three. One firm was chosen committee head and two assisting firms drawn by lot from a hat until the six working teams were complete. The projects also were assigned arbitrarily, each chairman making his choice blindly.

The work received the closest cooperation among the teams. They met frequently for consultation and mutual criticism before final product was placed before DTA.

There is, however, a word of warning here expressed by Ralph B. Smith, DTA president. These sketches, models, projections and details are preliminary in every sense of the word. No final solution is proposed. No cost figures are cited or even estimated.

Final action on the fate of the downtown area, theoretically, is in the hands of the plan commission, which proposes to "coordinate" and bring out a plan sometime.

But, as an architect remarked as he finished his presentation: "Sometimes it is fun to promote, but sometimes it is even more fun to dream."

Auditorium Would Have No Supporting Columns (Area 1)

A combined auditorium, exhibition hall and theater with recreational space is placed in rectangular form in the area bounded by Monroe, St. Clair, Superior and Washington Streets. This proposal was developed by Munger Munger & Associates, Herman Feldstein and Karl Becker.

Approach from the core area would be by pedestrian ramp along St. Clair Street, which would be closed at this point.

Vehicular traffic would be handled on the Monroe Street level and parking would be provided in flanking garages.

The auditorium would have a seating capacity of 3,000 and the stage large enough to house the most elaborate productions.

The exhibition hall would be to the rear on the upper level while a smaller theater, restaurant and open space would be to the right of the entrance from St. Clair Street.

Chief feature of the proposed structure is that the roof is so suspended that there is no interference by supporting columns in the auditorium, exhibition or other areas.

Level Plan Near River (Area 2)

The development of the water front, as proposed, is concentrated between Jefferson Avenue and Jackson Street with Summit Street being the boundary toward the city proper.

The development plan is on two levels, the bottom level carrying the riverside expressway segment with park-

ing on both sides of the facility. At this point, the expressway is not proposed as a limited access highway—so the parking areas can be reached without difficulty.

On the second level is a complex of various buildings, most of which stress recreational and cultural aspects of community life.

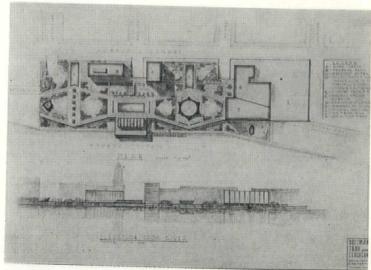
Provision is made for a band shell, a yacht club, a restaurant, boating facilities, a museum of natural history, gardens and reflecting pools. Another helioport can be tucked away on the lower level next to the river between Adams and Jackson Streets.

Only new commercial building proposed would be at the Jackson Street end of the development and it is proposed to have a tri-level parking garage adjacent to it.

Commercial facilities to be retained in the area would be the present Tiedtke's department store, the Waldorf Hotel, and the new federal building still to be constructed at Madison and Summit Street.

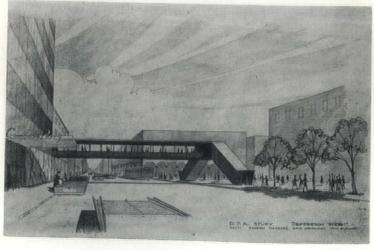
Major obstacle is the existence of the steam plant of Toledo Edison at the foot of Madison Ave., which would have to be razed to make development conform to plans.

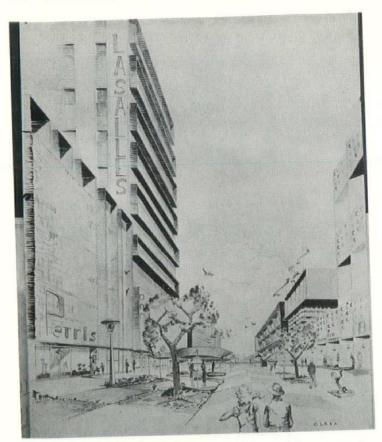
Leading this team was the firm of Hoffman, Troy & Ferguson, associated with Hahn & Hayes and Fred Morris.



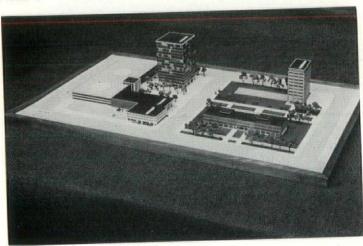
Area 2

Area 3A & 3B



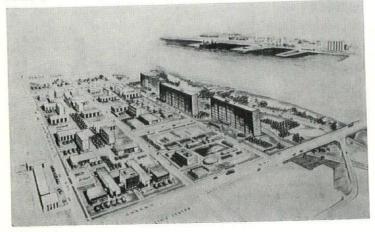


Area 4



Area 5

Area 6



Page 10

Massed Parking and "Rideways" Too (Areas 3A, 3B)

One solution to a concentration of parking garages in the downtown area was proposed by Samborn, Steketee and Associates, Otis and Evans. The firm was assisted by Horace Coy and W. E. Tolford.

The plan envisions two banks of structures partially framing the core area on the north and south with frontages on Monroe and Jackson Streets respectively.

The Jackson Street complex, for instance, would start on the south side of the street at St. Clair Street and extend toward the Civic Center Mall. Each building, of unspecified height, would be limited by the present street pattern with connecting overhead "rideways" over, for instance Superior Street between the respective buildings.

A "rideway" is a concession to the modern dislike of walking and would consist of moving belts to take the prospective visitor to the downtown area within at least

two blocks of his destination.

To the south, again starting at St. Clair Street with a frontage on Monroe Street, would be a parallel complex. This could be extended out Monroe Street as far as demand required. Here the overhead connectors would be between the garages and Jefferson Avenue.

Also proposed in locations not pinpointed would be moving ramps from the parking areas on the riverside into the downtown core, another concession to nonwalking habits.

No structures of major importance are in the path of either proposed development except an existing parking garage at Jackson and Huron Streets which would be integrated.

Look! No Cars in Center of the Shopping District (Area 4)

One of the more ingenious proposals to refurbish the downtown area is the concept of closing present vehicular thoroughfares and making pedestrian malls of them.

The initial project embraces Superior Street from Jefferson Avenue to Jackson Street, and both Adams Street and Madison Avenue from St. Clair St. to Huron Street.

The proposal here is not a vast quantity of new construction, but a more modern utilization of existing structures. The basic scheme was drawn up by Charles Barber & Associates, assisted by Buehrer & Stough and Charles Scott.

Actually, all that is contemplated is a lot of new store fronts as a pleasant background for wide walkways placed on what are now busy streets.

Centering the malls would be rows of shade trees, broken here and there by "conversation places" appropriately sheltered.

Two basic problems still remain. The first is that of providing fire lanes, which can be done, sponsors say. The other is that of working out a system of delivery to the stores that would front on the malls and have no vehicular access from this side.

Broad Vista in Front of Courthouse (Area 5)

Standing in front of the Lucas County courthouse, looking southward to a continuation of the Civic Center Mall, a person would see a parklike space extending as far as Madison Avenue. Under the Architect's proposal, only two buildings would occupy this space.

The one on the immediate right would be a medical building. Its construction would mean the razing of the Masonic Temple at the corner of Michigan and Adams Streets.

To the left would be a three story structure, extending almost the length of the block from Adams Street to Jefferson Avenue. No existing buildings would be made use of in this space.

Between Madison and Jefferson Avenues, with the same east-west boundaries, the Bell Building would stand. To the west would be a low building suitable for offices, clinics or whatever use could be attracted to the site.

Behind the new Libby-Owens-Ford building would be a continuation of an existing parking garage across what is now Ontario Street to Michigan Street.

Bellman, Gillett & Richards was the chairman firm. Other committee members were Hoke & Nickerson, and Nelson Thal.

> Cluster of Apartments and Shop Center (Area 6)

An elaborate grouping of apartment houses is proposed north of Cherry Street between Champlain Street and the river.

The area between Cherry Street and the downtown core is to be left for small office buildings and to house activities that now exist—the Salvation Army headquarters and the Boy's Club, for example,

This treatment was proposed by Britsch, Macelwane & Associates, Horace Wachter, and Gerow & Conklin.

This is not a "rehabilitation" project, the sponsors emphasized.

Facing the river between Summit Street and the waterline would be three multistoried apartments. Facing them on the land side would be a shopping center in the modern definition with sufficient parking. The center would face Cherry Street.

The remainder of the area would be devoted to residential purposes, combining multi-storied buildings with single story units.

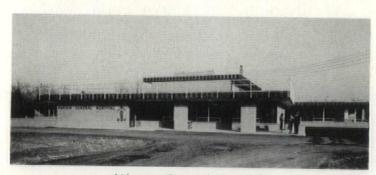
Motel-style units would face Champlain Street to the rear of a proposed structure suitable for offices. This structure would have its entrance on Cherry Street.

Space for the riverside expressway segment northward toward Craig Memorial bridge would be provided between the multistoried apartment dwellings on Summit Street and the river.

Landscaping featuring the liberal use of trees would emphasize the residential character of the area.

The units would be suitable for persons employed in the downtown area and also for individuals and families who expect their stay in Toledo to be of short duration.

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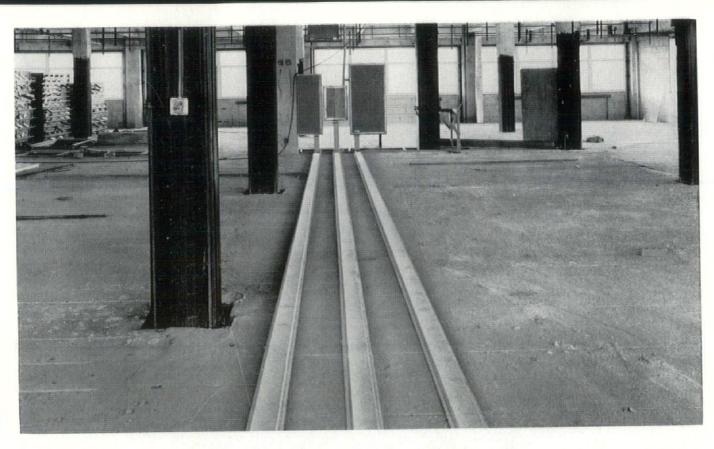
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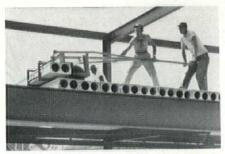
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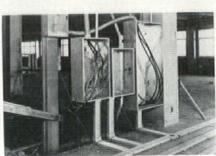
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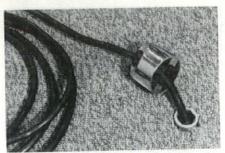
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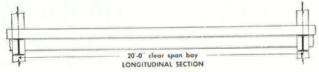
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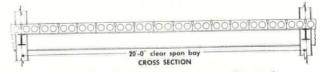


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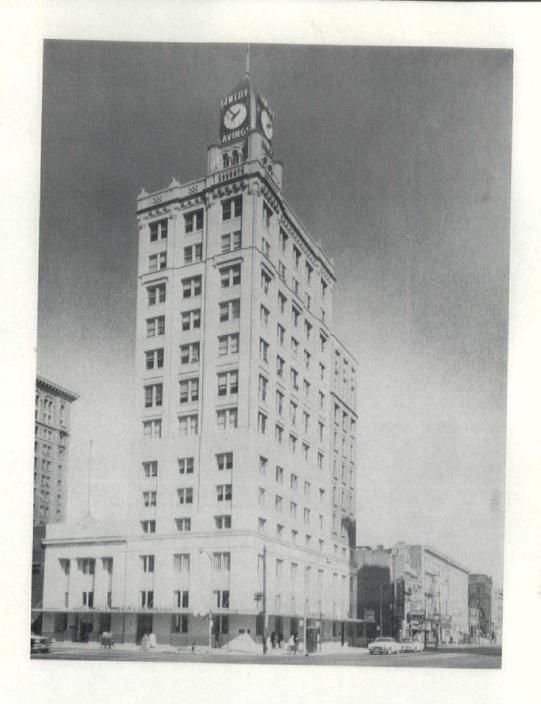
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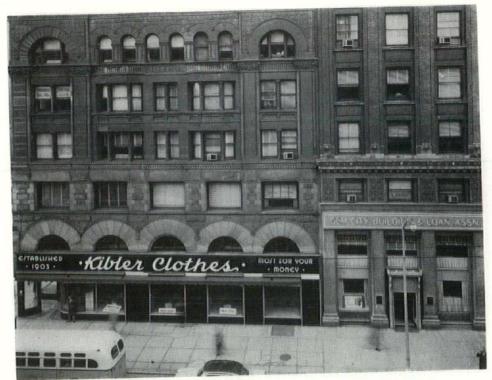
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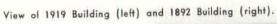


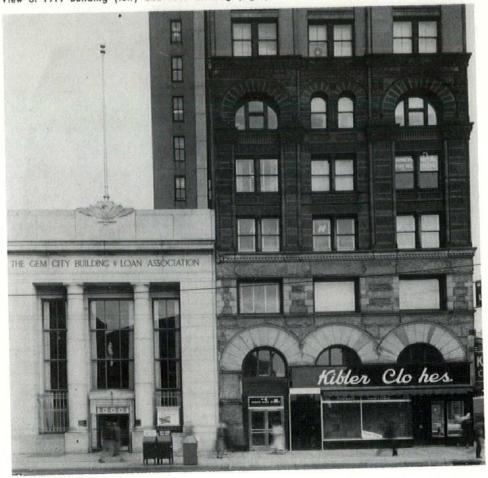
Lorenz and Williams, Architects and Engineers

GEM CITY BUILDING ASSOCIATION BUILDING



Side view of 1892 Building (left) and 1919 addition along with 1912 Building (right).





The Gem City Building Association engaged Lorenz and Williams, Architects and Engineers, to remodel their newly acquired down town 12 story office building to blend in with their existing home office buildings. The 12 story building is on the corner of down town Dayton's two main arteries and consists of an original 6 story structure built in 1892 plus a 6 story addition added in 1919. The two buildings which the association occupied prior to these recent alterations were on both sides of the corner building, one building built for the association in 1919 while the other was built in 1912 and purchased by the association at a later date.

The original corner building had 3100 square feet on each of its 6 floors, and 27 years after its completion, 6 more floors of equal area were added by running a new structural support system through the old portion. The exterior of the building had 6 lower stories of granite (bearing walls) and 6 upper floors with limestone facing. Some of the granite blocks exceeded two feet in thickness while the limestone facing was approximately 4".

The adjoining 1919 building built for the association also had a granite facade while the remaining 10 story building had an exterior of face brick with some limestone and terra cotta trim. These buildings had floor areas of 2800 square feet and 2200 square feet respectively.

The problem was to join all three buildings to appear as one. All floor areas up to and including the second floor were to be occupied by the association while the remaining upper floors were to remain office rental space. Total cost of the project was slightly over one million dollars which included adding summer air conditioning and a new heating system to the buildings. Additional new floor area to be added was a second and penthouse floor to the 1919 building.

The exterior alteration involved adding three floors of new 4" thick Mt. Airy Granite facing to the corner and 1912 buildings to match the existing granite on the 1919 building. The granite chosen for matching the old granite was from the same quarry of the

North Carolina Granite Corporation at Mt. Airy, North Carolina. This same bed of granite has been quarried continuously since 1889. The match between the old and new stone was quite good after the old granite had been sand cleaned and the repointing work was completed. In order to place this new stone in front of the face of the existing corner building, the existing granite had to be cut to a plane 5" back of the property line. The amount of stone removed necessary to meet this new plane resulted in cutting back the old granite 1/4" to 8" from the building surface.

The first contemplated method for this stone removal was to use stone chisels in pneumatic tools. However, this was discarded because of both the noise and the vibration to the building. The final method chosen was to make vertical saw cuts up the face of the stone and remove the stone between the cuts with hand tools.

After experimenting with various ways to make these cuts, it was found best to use a steel angle track frame on which a masonry saw with a diamond edged blade was mounted. Then, after the frame was secured and set to make the proper cut depth, the saw was pulled up the track with a chainfall while the cutting blade went through the stone which was constantly being sprayed with water at the cutting surface. Since this cutting was sometimes done during freezing weather, long icicles often covered the side of the building and the 6 stories of steel scaffolding around the perimeter of the building.

It was found that the stone would pitch off the building best if these vertical cuts were made $4\frac{1}{2}$ " on center. Then, after these cuts were made, a section of stone was removed by using a granite set and sledge hammer. The stone pieces were then lowered to a rubbish truck below in metal containers.

Where a small amount of stone was to be removed, generally up to 2" in depth, low pressure oxygen flames were used. When the flame touched the surface of the stone, small chips would peel off the face and continue to do so until the torch was removed. By this method it was even possible to make

square holes into the stone for bearing surface of the canopy steel work. Some stone was removed from the exterior parts of the stone arches without any vibration to the structure.

For the 1912 building, only a few projections had to be removed to allow the new stone to be set on that facade. The new granite slabs were then set on the corner and 1912 buildings to match the existing granite on the 1919 building. These slabs were anchored to the old stone by preformed zinc coated Z straps which set into the stone and then were lagged to the old stone with expansion bolts. Each stone often had a minimum of 6 anchor points.

A new modified cornice stone course was used near the top to match the corner and 1912 buildings with the 1919 building. From this point on up to the limestone facing of the 1919 addition, new Indiana Limestone was set to match the upper floors. Anchorage of the new limestone was the same as the granite.

New aluminum pivot windows were added to all the window openings below the 6th floor. An eight foot canopy was installed around all three buildings to provide both protection below and to give a sense of unity to all three buildings.

Interior work included opening the main floor walls between the buildings to provide as much open area as possible. In the process, two large banking vaults were demolished, exposing in one of them, interior walls of 1½ steel plates. New checking counters and railings of walnut veneer and marble tops were installed on a new terrazzo floor which replaced a marble floor. Carpet was laid in all work areas.

A lunch room was built on the mezzanine with the facilities for feeding 40 persons at one time. The preparation area was so arranged to supply the diners with a cafeteria type lunch. Opening into the dining area is a new lounge with accommodations for half of the dining room capacity.

The second floor layout includes the President's suite, loan closing rooms with a large waiting room, and numerous other department offices.

New vertical transportation for the association's clients was provided by

installing a new passenger elevator to serve all floors between the basement and second floor. Likewise, both of the existing elevator's cars in the corner building were replaced with autotronic elevators equipped with electronic detectors on the doors.

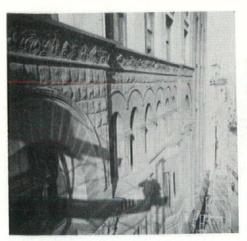
The existing upper floors of the office were heated by steam radiators under the windows and there was no summer air conditioning. The new heating, ventilating and air conditioning systems were made possible by merely adding new ceiling hung A.C. units in the corridors; then furring them in with a new aluminum tee grid system with removable Fiberglas pads. Openings into the tenent area were simply made by replacing the transom glass with a grille in a wood frame and connected to these units. Each floor had its own fresh air fans which supplied each A.C. unit with fresh air by duct work. Air was then filtered at the unit before being introduced into the conditioned rooms. The return air came back into the corridor through door louvers and then back to the units through ceiling grilles. All chilled water was supplied to the units from two new water chillers located in the new penthouse on top of the 1919 building. Hot water for winter air-conditioning came from two new basement heat exchangers. By installing this type of sytem, the heating contractors were able to complete the job with a minimum

of interference to the tenants.

The original floor area occupied by the Gem City Savings Association increased from 12,900 square feet to 27,600 square feet. All new materials included marble wainscot, plastered walls, terrazzo or carpeted floors, both metal pan and acoustical tile suspended ceilings, and oak paneling in the president's office with a luminous ceiling.

Work on this project began in February of 1956 and the association held its Open House in November of 1957.

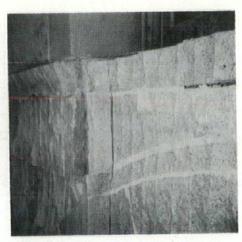
The Contractors for the job were: General—Maxon Construction Company, Inc.; Mechanical—The Huffman-Wolfe Company; and Electrical—Mutual Electric Company, all of Dayton, Ohio.



Stone projections to be removed.



Stone cutting saw on track.



Surface after stone is removed.

View of total scalfolding.

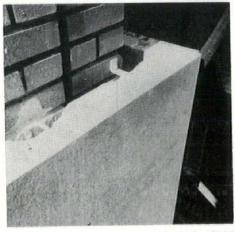


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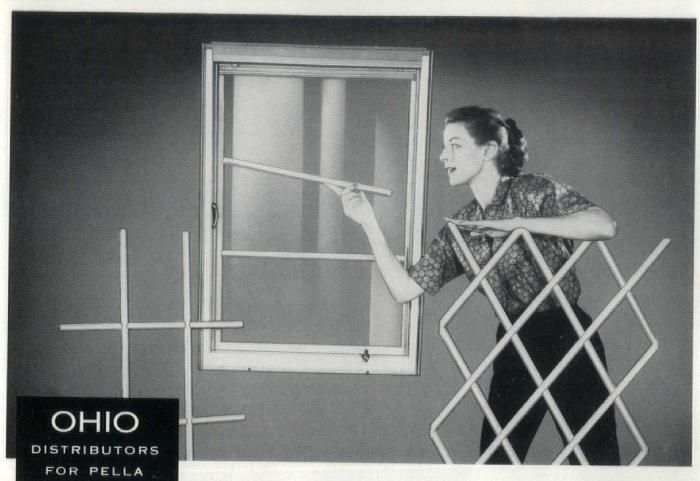
Removing stone between cuts.



Z anchor to brick.



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Architects Society of Ohio Official Roster of Architects

The following alphabetical roster of architects, registered and licensed to practice in Ohio, is correct as of March 21, 1959. The list has been checked carefully with official state records as of the date given.

In order to keep this Roster up-to-date OHIO ARCHI-TECT periodically will publish address changes, new architect registrations, and license restorations. This is possible because the ASO is located in Columbus and has daily access to official records.

Aaronson, Nelson C. 7889 Stillwell Rd. Cincinnati, 37

Abbot, Henry M. 490 City Park Ave. Columbus, 15

Abendroth, Fred J. Rm. 415, The Arcade Cleveland, 14

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Adams, John Quincy 33-35 S. Champion Ave.

Columbus, 5 Adams, John Q., Jr. 377 E. Stanford Worthington

Adams, Mary R.R. No. 1 Ellen Morrow

Adams, Richard C. 102 Milton Rd. Marietta

Agree, Charles N. 14330 W. McNichols Rd.

Detroit 35, Mich.

Ahern, Richard D. 5408 41st St. N.W Washington 15, D. C.

Ahlert, William L. E. City Hall Cincinnati, 2

Albert, Jack 7459 Oval Dr. Cleveland, 31

Albert, John Paul, Jr. 2125 Fairfax Rd. Columbus, 21

Albrecht, Herman J. 512 McClymonds Bldg. Massillon

Alcox, Lawrence H. 333 30th St. Hermosa Beach, Calif.

Alexander, James M., Jr., Congress Run Rd., Wyoming Cincinnati, 15

Alexander, Robert E. 2379 Glendale Blvd. Los Angeles 39,

Calif.

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Alge, Robert P. First Natl. Bank Bldg. Findlay

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Alling, Stephen J. 7376 Kirkwood Lane Cincinnati, 33

Allis, John M., II 1433 Beall Ave. Wooster

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Almirall, Francis C Chagrin River Rd. Gates Mills

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Amspaugh, Jerry Lee 5901 E. Woodmont AVE Cincinnati, 13

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Anderson, Wallie 4517 Brookpart Rd. Cleveland, 34

Andonian, David A 3040 Édgehill Rd. Cleveland Hts., 18

Andow, Roy H. 30615 Willowick Dr. Willowick

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Angel, Joseph M. 4855 Janet Rd. Sylvania

Angus, James J. 161 E. Grand Chicago 11, Ill.

Appel, Burton R. 25 Lancaster Terrace West Orange, N. J.

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Aras, Bruno 2843 E. Derbyshire Cleveland, 18

Arduser, Robert C. 7321 Shewango Way Cincinnati, 43

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Arend, William S. 914 Main St. Cincinnati, 2

Armbrust, Mel K. 3806 Woodbridge Rd. Columbus, 21

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Baker, Joseph E. 180 Hudson Ave. Newark

Baker, Lawrence P. Mulberry Rd. RD No. 2 Chardon

Baker, William R. 8122 Yale Chicago 20, Ill.

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Barcus, Chauncey H. 119 Ardmore Dr. Oxford

Bardon, Oliver H. 3123 Madison Rd. Cincinnati, 9

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Barrett, Leo J. 2123 East 9th St. Cleveland, 15

Bartling, George R. 3166 Monticello Blvd. Cleveland, 18

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Beatty, Robert F. Potters Sav. & Loan Bldg. E. Liverpool

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Bills, Harry 3290 E. Fallcreek Pky. N. Dr. Indianapolis 5, Ind.

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Bremmer, Harry F. 9043 Highland Dr. Brecksville

Brennan, John J. 1569 Chase Ave. Cincinnati, 23

Brennan, William A. 318 Marine Bldg. Erie, Pa.

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Bricker, Martin R. 773 S. Chesterfield Rd. Columbus, 9

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Broida, Robert I. 1742 E. 23rd St. Cleveland, 14

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Brown, Leon 1640 Wisconsin Ave., N.W. Washington 7, D. C.

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Brown, Richard F. 2833 Upton Ave. Toledo, 6

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Brown, William J. 17 Shirley Dr. Cincinnati, 17

Brubaker, Leland F. 1473 W. Fifth Ave. Columbus, 12

Brukin, Adolph N. 44 W. 56th St. New York 19, N. Y.

Brumenshenkel, Harry 628 N. Lexington-Springmill Rd. Mansfield

Brune, Ervin L. 45 W. Second St. Mansfield

Bruno, Edwin Carl 4120 Oakton St. Skokie, Ill.

Bruyere, Louis U. 539 Winthrop St. Toledo, 10

Bryar, Norman L. 252 Clearview Ave. Worthington

Buchanan, Glen W. 384 W. First St. Dayton, 2

Buchart, Clair S. 611 W. Market St. York, Pa.

Buckhour, Donald H. 530 Clover Lane Perrysburg

Buehler, Andre B. 2511 Norfolk Rd. Cleveland, 6

Buehrer, Huber H. 1931 Sylvania Ave. Toledo, 12

Buker, Paul S. 234 Macready Ave. Monroe

Burchard, Charles H. 3232 Hardisty Ave. Cincinnati, 8

Burde, Walter Rt. #3, Box 986 Carmel, California

Burdge, Edward W. 1642 Brandon Ave, Cincinnati, 30

Burdick, John A. 3197 Linwood Rd. Cincinnati, 8 Bures, Franklin S. Rt. No. 3, Brunswick P. O. Medina Co.

Burgess, Ronald A. 5014 Airy Meadows Dr. Cincinnati, 39

Burin, Andrew J. 21139 Lorain Rd., Fairview Park Cleveland, 26

Burkett, Neal F. 1642 Elmood Ave. Lakewood, 7

Burkhalter, Walter S. 490 City Park Ave. Columbus, 15

Burkhart, James W. 955 N. Ritter Ave. Indianapolis 19, Ind.

Burkholder, Don E. P.O. Box 26, Pavonia

Burns, David V. 333 N. Pennsylvania St. Indianapolis 4, Ind.

Burquist, John R. 104 Wm. H. Taft Rd. Cincinnati, 19

Burr, Donald F. 6105 Mt. Tacoma Dr., S.W. Tacoma 99, Washington

Burris, James R. 1028 E. Center St. Marion

Burrows, Edward M. 21952 Cottonwood Dr. Rocky River, Cleveland

Burrows, George H. 16104 Kinsman Rd. Shaker Heights, 20

Burrows, Richard C. 13104 Shaker Square Cleveland, 20

Burt, Paul Gordon 520 N. Michigan Ave. Chicago 11, Ill.

Burt, Willis C. 990 Thomas Lane Columbus, 14 Butler, Ernest M. 531 Fifth Ave.

McKeesport, Pa. Butzko, Stephen E., Jr. 3274 Enderby Rd.

Cleveland, 20
Buzzard, Roger F.
532 West Park Ave.
Barberton

Byrnes, William H. 751 Birney Lane Cincinnati, 30

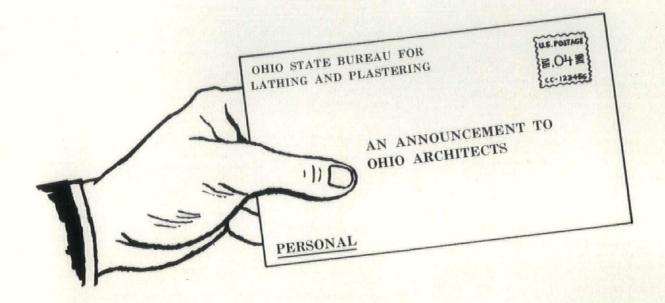
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Caddy, Edmund H. M., Jr. 23386 Lakeshore Blvd. Cleveland, 23

Cady, Robert Edward 1569 Robinwood Lakewood, 7

Cady, Robert F. 53 East Orange St. Chagrin Falls

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Cann, William F. 1130 Hampton St. Louis 10, Mo.

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Carlton, William W. Hq. USAFE Des/Int. APO 633 New York, N. Y.

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Carnahan, Ralph W. 536 Hulman Bldg. Dayton, 2

Carr, John J. 1421 Schofield Bldg. Cleveland, 15

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Chambers, Lorraine S. R.R. No. 4 Medina

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Clark, Robert A. 400 Forest Dr. Rossford

Clarke, Richard C. 1002 Natl. Exch. Bank Bldg. Steubenville

Claypoole, Kenneth C. 305 Selby Blvd. Worthington

Cleland, Earl F. 16 E. Henderson Rd. Columbus, 14

Clement, Ralph B. 18 Spirea Dr. Dayton, 19

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Clough, Allan B. Route #2 Willoughby

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Colean, James R. 101 Park Ave. New York 17, N. Y.

Collier, Harry E. 127 S. Remington Rd. Columbus, 9

Collins, James J. 1010 Euclid Ave. Cleveland, 15

Collins, William H. 3397 Claredon Rd. Cleveland, 18

Colman, Charles C. 2525 Kemper Rd. Cleveland, 20

Colucci, Donald E. 2335 Hudson Aurora Rd. Hudson

Conklin, C. Gordon 3637 Woodley Rd. Toledo, 6

Connelly, George R. 158 Edgerton Rd. Akron, 3

Conover, Richard 5948 Woodside Rd. Cleveland, 24

Conrad, Edward G. 1110 Hanna Bldg. Cleveland, 15

Conrad, William H. 1270 Euclid Ave. Cleveland, 15

Cook, Glenn M., Jr. 4240 Medway Columbus, 13 Cooke, James W. 648 Bruce Ave. Ashland

Coombe, George B. 511 Park Bldg. Cleveland, 14

Cooper, Harold 331 Madison Ave. New York 17, N. Y.

Copich, William J. 7075 Paxton Rd. Youngstown, 7

Copper, Munroe W., Jr. 10528 Wilbur Ave. Cleveland, 6

Cordes, Walter W. 315 Willow Brook Lane Cincinnati, 15

Cordes, William Albert 210 - 5th St. Loveland

Costello, Jerome P. 5531 Lester Rd. Cincinnati, 13

Cothern, John M. 2390 Neil Ave. Columbus, 2

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Coughlin, John B. 1021 - 34th St. N.W. Washington 7, D. C.

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Cowden, Craighead 384 W. First St. Dayton, 2

Cowell, Ensign J. H. 25 W. 43rd St. New York 36, N. Y.

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Cox, James Morgan 1341 Market Ave., North Canton, 4

Cox, William L. 161 Highland Ave. Poland

Coy, Horace M. 3726½ S. Detroit Ave Toledo, 14

Cracium, Trajen 27 Selden Ave. Akron, 19

Craft, Alton Lee 7 East 47th St. New York 17, N. Y.

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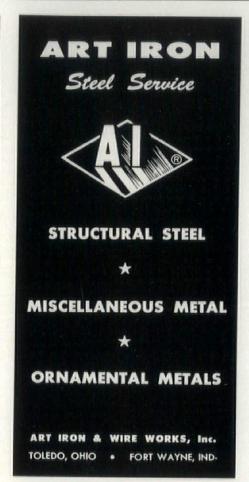
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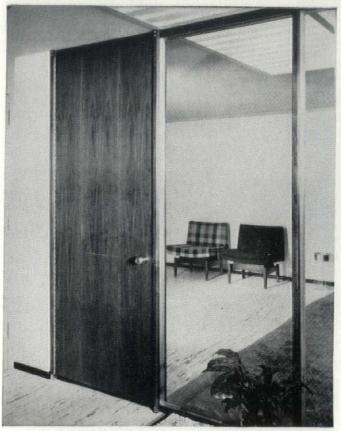
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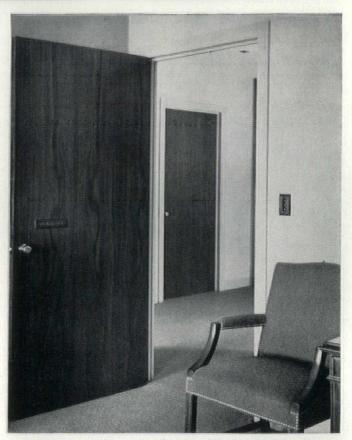
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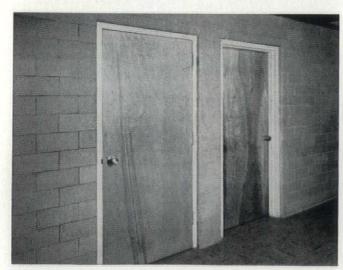
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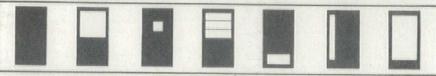
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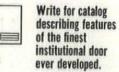
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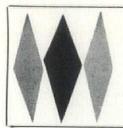
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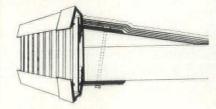
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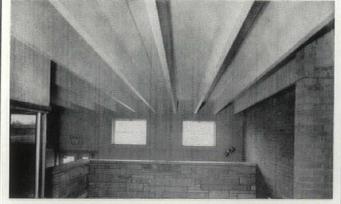
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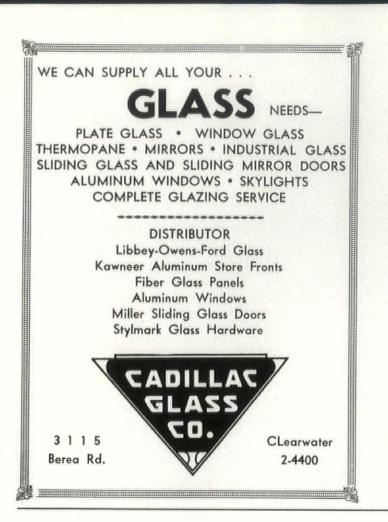
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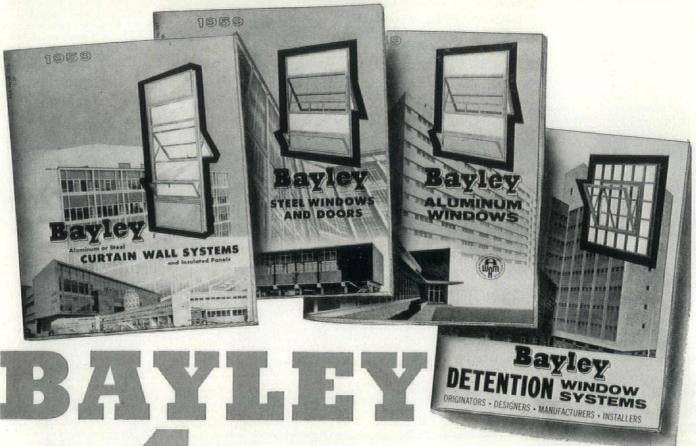
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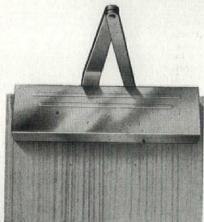
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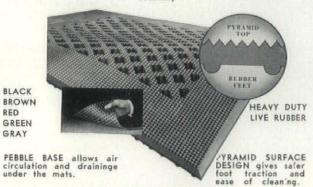
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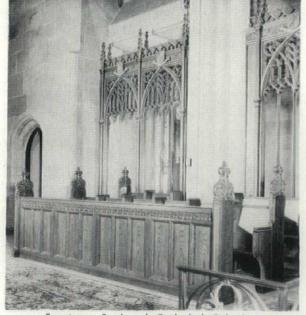
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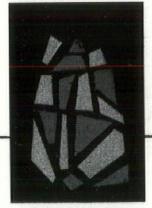
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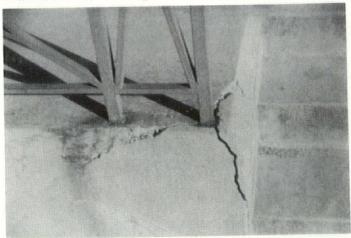


Figure No. 1

Two concrete stoops on the front of a building appear to be identical in detail and quality of installation. Although built at different times, the specifications were the same and the quality of the workmanship of the initial installations appeared the same. Yet when the stanchions were set in the concrete on one stoop, the concrete failed as shown in Figure No. 1, and the other stoop is still in perfect condition.

The installation in Figure No. 1 was made in 1950 with stanchions set in liquid sulphur. The concrete around these holes began to deteriorate in a very short time and was patched once in 1953. The photograph (Figure No. 1) was taken in February, 1959, and indicates that the patch has also failed. The duplicate step and stoop was built on this job in 1953. The installation was made with molten lead and tamped into position. In six years, there is no evidence of failure around the stanchions in the concrete. All conditions of the mix of the concrete and workmanship on the job are as near similar and equal as might be considered possible. The only difference appears to be that one installation was made with lead.

A miscellaneous iron contractor states that they have not used sulphur for this type of installation since 1946, even though it is the cheapest method. If the temperature of the sulphur is too high, the job usually failed—the sulphur is too porous or shrinks too much, he was not sure. The temperature control of sulphur is too uncertain under job installation conditions. The lead installation is the most expensive but is the most certain to produce satisfactory results. A satisfactory substitute for lead is an alloy of lead known as "leadite" which is less expensive than pure lead and slightly more expensive than sulphur, but has the ease of installation and the quality of performance of the pure lead.

The usual specification reads as follows: "Uprights in concrete shall be set in sleeves approximately 6" long and caulked tight with molten lead or hot sulphur." Another specification reads: "Set stanchions with heated liquid commercial grade sulphur to remove holes. Remove over-flow immediately."

It appears that sulphur is not a completely satisfactory material to use for this type of installation.

Waterproofing Exterior Brickwork

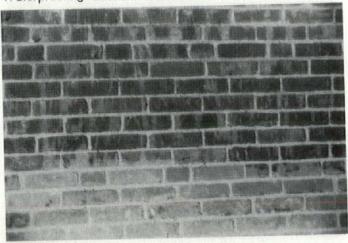


Figure No. 2

The building, a portion of which is shown in Figure No. 2, was completed and occupied in 1950. The brick is a soft sand mold brick, 9% to 12% moisture absorption, made from surface clay. In 1953, a colorless waterproofing emulsion was applied to the face of the brick on the entire building. The colorless waterproofing was applied with whitewash brushes. As a result, the applicators tended to brush-out the material the same as they would a house paint, instead of applying the colorless waterproofing as per the manufacturer's specifications. One manufacturer's specification reads as follows: "For application by spray, we recommend nozzles of the type used on garden hose, The pressure shall be in the range of 30/40 pounds. Spray application will give better penetration than brush applications." Another manufacturer specifies for waterproofing material to be applied "liberally as a heavy running coat, starting at top of wall and working down, making certain of good laps."

Most manufacturers and applicators of masonry colorless waterproofing materials seem to prefer the flooding technique regardless of means used.

The subject job was dampproofed 6 years ago, but because of the inefficiency of the applicators, the dark portion of the photograph (Figure No. 2) shows the section of wall which was missed entirely. Immediately after the original application of the waterproofing material, one

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could not see the missed portion except immediately after a rain when the wall was wet. Now that the dirt of time has washed over the wall, the brick has absorbed that soil and now even though the bricks are dry, the result is an unsightly dark patch. The unevenness of the application on other parts of the building is now beginning to show evidence of the loss of the effectiveness of the waterproofing and water is entering the wall and efflorescence is beginning to show in some areas underneath these exposed sections.

(Note: The author requests architects to forward accounts of their experiences with maintenance problems for development into articles for this series.)

Daytonian Enjoined From Unauthorized Practice of Architecture

The Common Pleas Court of Montgomery County, Ohio has permanently enjoined William A. Gunter, Jr., from unauthorized practice of architecture in the State of Ohio until such time as he is licensed to practice architecture by the State Board of Examiners of Architects.

Action against Mr. Gunter was initiated by members of the Dayton Chapter of the American Institute of Architects.



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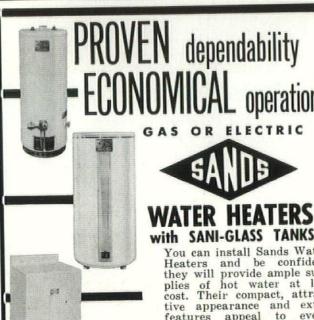
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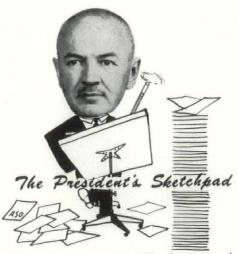
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Bills, bills, bills and more bills than ever have been submitted by the representatives to the 103rd General Assembly A special reporting service is being used by the ASO to keep current with the fast pace of the legislators' activities concerning all bills The Executive Director, Legislative Committee, Executive Board and Chapter Presidents and Representatives have been alerted by legislative bulletins and are giving immediate attention to these particular bills H.B. 372 and H.B. 373 give permanent status to the Board of Building Standards and assure an up-to-date Building Code H.B. 583 is the Governor sponsored bill to create a new department of state, namely the Department of Industrial and Economic Development. This bill will no doubt be the most important of all bills to be considered as it includes areas of activity and authority not presently operative in the State of Ohio-Our Washington Representatives too have been busy with bills One in particular should receive each architect's support H.B. 9 and 10 (Keogh-Simpson) which allows self-employed individuals to set aside tax exempt income for retirement purposes A recent AIA mailing very well explains this bill Send a letter to your Congressman in support of this bill-The application response to the ASO's Architectural Scholarship is most encouraging Every Chapter area is represented with a number of interested candidates The final candidate selection is expected in May - All committees are continuing in their activities as reported The workshop meetings are definitely a boost to the

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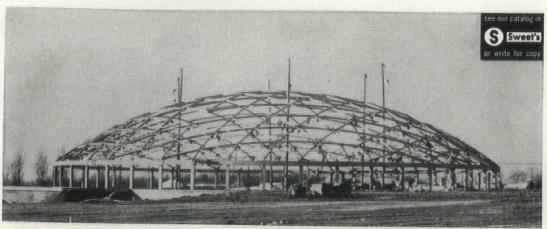
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committees' being active in the interest of the profession—Some dates to calendar and remember . . . April 24-25 AIA Great Lakes Regional Conference at Ann Arbor, Michigan . . . Practice and theory sessions are planned with you in mind . . . Attend if you can . . . October 14, 15 16 ASO Convention in Akron . . . Plans are for the best convention ever . . . Yes, the women are also invited—Just a thought Spring brings life, sincerely accept it.

ASO Convention Plans Announced

Allied Arts and Architecture is the theme for the 26th Annual ASO Convention to be held in Akron, Oct. 14 through 16. To elaborate on the theme, seminars are being planned which will present nationally known artists. There will also be special architectural displays.

The convention program is planned to be a blend

of fun with business. A committee of eastern Ohio architects, headed by Burt V. Stevens of Akron and working with the ASO Executive Director Clifford Sapp, has roughed out each day's plans. Members are now working on the details—speakers have been invited, tours arranged, mailings ordered and budgets prepared.

Sheraton Hotel is headquarters for the assembly. Some portions of the program will be held at the Art Institute and the tours will radiate to points of interest in the Rubber City, all beginning from hotel headquarters.

Representatives have been named in each chapter area and during June they will be in Akron for a preview of the tours and the program. In turn they will carry the story back to their chapter meeting. This group includes P. K. Barnes, Cleveland; William R. Bogart, Cincinnati; Hermon S. Broderick of Dayton; James J. Foley, Columbus; and Frank E. Poseler of Toledo.

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Letters to the Editor

I have noted news stories throughout Ohio regarding Regional Chapters selecting candidates for the scholarship which your organization is giving to a worthy high school student for study of architecture.

May I congratulate the Ohio Society on this very fine way of creating interest in such an important profession?

TED W. BROWN Secretary of State

The Bexley Public Library is grateful for your gift of "Facts About Your Architect And His Work."

It is a most attractive piece of material, and will be very valuable to us in our reference room. We appreciate your kindness in thinking of us.

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Permit us to congratulate you on the superb opportunity which you now have to review the existing architecture and town planning of note throughout the State of Ohio in your forthcoming series "Ohio Townscape."

The historical articles, concerning notable buildings in Ohio, which the Ohio Architect ran last year, represented a very competent and fascinating review of the outstanding examples of your architectural heritage. You now have the opportunity to continue this good work and to include the overall picture as well. You will find, for instance, that if you make a study of the notable city squares or parks that such a survey will not only bring in much notable architecture and sculpture but will pro-

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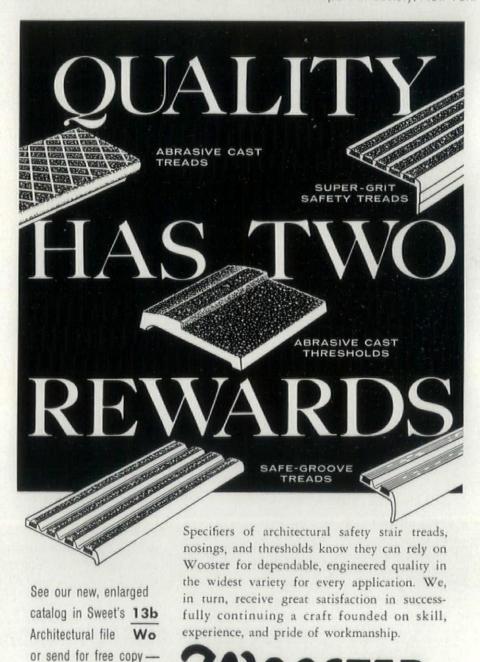
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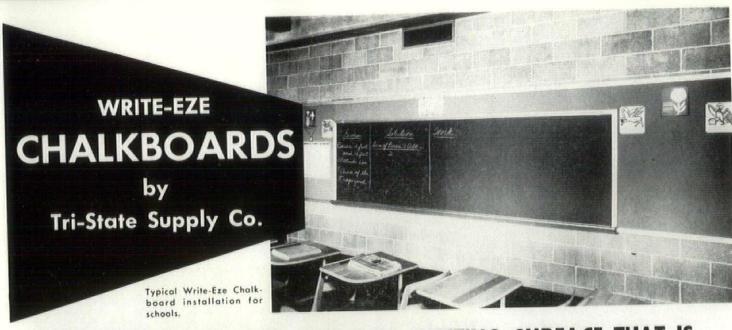
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Committee on Historic Architecture, The Municipal Art Society, New York



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AIA Calls For School Safety Conference

The American Institute of Architects has called for a "national conference on school safety" to help architects, engineers, fire marshals, educators and local building authorities intensify the search for fire-safe school building plans.

"The recent school fire tragedies at Chicago and near Little Rock make a national conference on school safety imperative," the AIA directors stated. "All of us who share in the responsibility for school safety must pool and coordinate our experiences and findings. We owe no less to the parents of America."

"There must be an orderly approach to the improvement of local fire codes," the AIA statement continued. "Fire codes often differ radically in different communities. Some are far too lax. Others tend to be over-zealous and set back recent advances in school design and school building economy. Our aim must be not to interfere with progress but to assure the maximum amount of fire safety for our children. Such a conference might be held at The Octagon, our national headquarters in Washington, D. C. It should arrive at practical recommendations to the local authorities."

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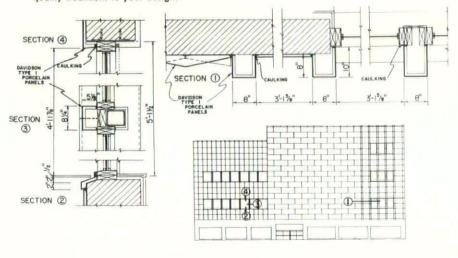
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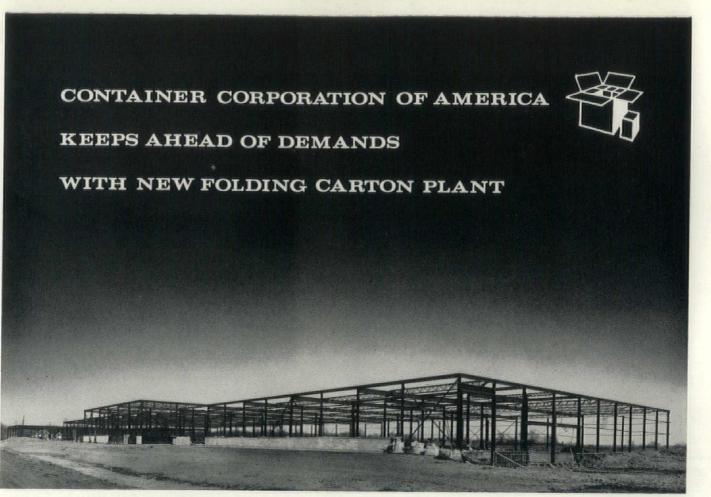
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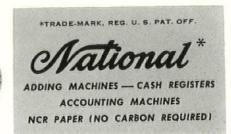
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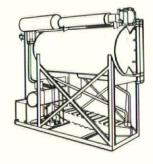
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Why Business Prefers Ohio

OHIO RATES second only to California in the affections of a number of the nation's key industrialists. However, the music from this second fiddle is melodious to the ears of Ohioans. It emanates from the industrial world—the hum of assembly lines, the whir of propellors of newly produced planes, the thumping of pneumatic stamping machines and many other notes familiar in areas of economic progress.

At the moment Ohio is second in the thoughts of industrial leaders when they are queried on their preferences of

NEARNESS TO MARKETS: You can easily reach the people you buy from and the people you sell to when your business or industry is located in Ohio . . . center of the nation's richest markets.

AVAILABLE LABOR SUPPLY: Ohio plants draw on a large, highly-skilled labor pool. Ohio leads in a broadened program of technical education.

REASONABLE TAXES: Ohio business taxes are lower than in many industrial states. Ohio's state and local governments welcome new industry and help it succeed.

ABUNDANT RAW MATERIALS & UTILITY SERVICES: Ohio plants profit from ready access to water, coal, iron ore, steel, natural gas, electricity, rubber, chemicals, atomic energy.

GOOD TRANSPORTATION: Modern rail, air and trucking facilities serve every section of Ohio, Low-cost water transportation links Ohio with 32 states and all overseas markets.

FOR DETAILED INFORMATION on available industrial sites or any aspect of plant location in Ohio, write or phone Division of Economic Development and Publicity, Ohio Dept. of Commerce, Columbus 15, Ohio.

states in which to locate new plants. And it is a close second.

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In a poll taken among 283 industrial officials, 61 favored Ohio as the area their companies would consider in picking a new plant site. Only California, with 77 votes, outdid the Buckeye State. 000

THE POLL which gave Ohio its 61 first choice votes was taken by Business Week magazine, Executives were asked to state the major factors or reasons that enter into the decision of considering a new plant location.

By far the most important reason uncovered by the survey was nearness to market, sales area or customers. Other leading considerations were available labor supply, reasonable taxes, availability of raw materials, transportation or shipping facilities, weather or climate and labor costs.

Ohio has much to offer in these categories. Its good inventory in these necessities to industry has enabled it to advance tremendously in recent years. At present Ohio is second only to New York as the nation's No. 1 industrial state.

000 NO ONE CAN QUESTION the excellent geographical location of Ohio. Its transportation facilities - rail, air and truck-are among the best. An already abundant supply of highly skilled labor is constantly mounting. Tax conditions in Ohio are favorable to industry and weather is pleasant even though it fluctuates from below zero to above the

From the results of Business Week's 100 mark. poll and the great industrial growth Ohio is experiencing, the day must surely come when Ohio is the No. 1 industrial state in the nation.

(Editorial published in Ohio State Journal, Columbus, Ohio, December 13, 1958).

If you're looking to the future . . . locate in



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CLIFFORD E. SAPP

March 30, 1959

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